

=> d his

(FILE 'HOME' ENTERED AT 14:47:20 ON 24 SEP 2007)

FILE 'REGISTRY' ENTERED AT 14:47:32 ON 24 SEP 2007

L1 STRUCTURE uploaded  
L2 0 S L1  
L3 0 S L1 FULL  
L4 STRUCTURE uploaded  
L5 0 S L4  
L6 0 S L4 FULL

FILE 'CAPLUS' ENTERED AT 14:51:50 ON 24 SEP 2007

E 20060281946 /AP,PRN 25  
E US 06-562730/AP,PRN 25  
E US 10-562730/AP,PRN 25  
E US2005-562730  
E US2005-562730/APPS  
L7 0 S US2005-562730  
L8 1 S US2005-562730/APPS  
SEL RN L8

FILE 'REGISTRY' ENTERED AT 14:58:02 ON 24 SEP 2007

L9 18 S E1-E18

FILE 'CAPLUS' ENTERED AT 15:04:22 ON 24 SEP 2007

FILE 'REGISTRY' ENTERED AT 15:06:39 ON 24 SEP 2007

FILE 'CAPLUS' ENTERED AT 15:14:58 ON 24 SEP 2007

FILE 'REGISTRY' ENTERED AT 15:15:25 ON 24 SEP 2007

FILE 'CAPLUS' ENTERED AT 15:15:41 ON 24 SEP 2007

FILE 'CAPLUS' ENTERED AT 15:16:02 ON 24 SEP 2007

L10 FILE 'REGISTRY' ENTERED AT 15:16:56 ON 24 SEP 2007  
1098 S 82439?/RN  
L11 18 S E1-E18  
L12 18 S L11  
L13 10 S L10 AND L11  
L14 1 S L13 AND PROPOANOYL/CNS  
L15 9 S L13 NOT L14  
L16 8 S L11 NOT L10  
L17 1 S L16 AND PROPANOIC ACID  
L18 10 S L15 OR L17

FILE 'CAPLUS' ENTERED AT 15:25:13 ON 24 SEP 2007

L19 3 S L18

FILE 'REGISTRY' ENTERED AT 15:26:26 ON 24 SEP 2007

SEL CRN L18  
L20 8 S E19-E22/CRN  
L21 12 S L18 OR L20  
SEL RN L13  
L22 0 S E23-32/SRN  
L23 5 S E23-E32/CRN  
SEL RN L18  
L24 8 S E33-E42/CRN  
L25 8 S L24 AND L21  
L26 12 S L24 OR L21

FILE 'CAPLUS' ENTERED AT 15:31:25 ON 24 SEP 2007

L27

4 S L26

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Welcome to STN International! Enter x:x

LOGINID:ssptayvv1621

PASSWORD :

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* Welcome to STN International \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \*

NEWS 1 Web Page for STN Seminar Schedule - N. America  
NEWS 2 JUL 02 LMEDLINE coverage updated  
NEWS 3 JUL 02 SCISEARCH enhanced with complete author names  
NEWS 4 JUL 02 CHEMCATS accession numbers revised  
NEWS 5 JUL 02 CA/CAplus enhanced with utility model patents from China  
NEWS 6 JUL 16 CAplus enhanced with French and German abstracts  
NEWS 7 JUL 18 CA/CAplus patent coverage enhanced  
NEWS 8 JUL 26 USPATFULL/USPAT2 enhanced with IPC reclassification  
NEWS 9 JUL 30 USGENE now available on STN  
NEWS 10 AUG 06 CAS REGISTRY enhanced with new experimental property tags  
NEWS 11 AUG 06 BEILSTEIN updated with new compounds  
NEWS 12 AUG 06 FSTA enhanced with new thesaurus edition  
NEWS 13 AUG 13 CA/CAplus enhanced with additional kind codes for granted patents  
NEWS 14 AUG 20 CA/CAplus enhanced with CAS indexing in pre-1907 records  
NEWS 15 AUG 27 Full-text patent databases enhanced with predefined patent family display formats from INPADOCDB  
NEWS 16 AUG 27 USPATOLD now available on STN  
NEWS 17 AUG 28 CAS REGISTRY enhanced with additional experimental spectral property data  
NEWS 18 SEP 07 STN AnaVist, Version 2.0, now available with Derwent World Patents Index  
NEWS 19 SEP 13 FORIS renamed to SOFIS  
NEWS 20 SEP 13 INPADOCDB enhanced with monthly SDI frequency  
NEWS 21 SEP 17 CA/CAplus enhanced with printed CA page images from 1967-1998  
NEWS 22 SEP 17 CAplus coverage extended to include traditional medicine patents  
NEWS 23 SEP 24 EMBASE, EMBAL, and LEMBASE reloaded with enhancements  
  
NEWS EXPRESS 19 SEPTEMBER 2007: CURRENT WINDOWS VERSION IS V8.2,  
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 19 SEPTEMBER 2007.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8

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STRUCTURE FILE UPDATES: 23 SEP 2007 HIGHEST RN 947726-74-1  
DICTIONARY FILE UPDATES: 23 SEP 2007 HIGHEST RN 947726-74-1

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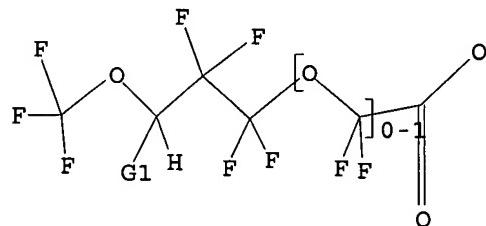
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stnqgen/stndoc/properties.html>

=>  
Uploading C:\Program Files\Stnexp\Queries\10562730-cl6X=h.str

L1 STRUCTURE UPLOADED

=> d 11  
L1 HAS NO ANSWERS  
L1 STR



G1 H, F

Structure attributes must be viewed using STN Express query preparation.

```
=> s 11
SAMPLE SEARCH INITIATED 14:48:03 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -          24 TO ITERATE
```

100.0% PROCESSED      24 ITERATIONS      0 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 187 TO 773  
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s 11 full  
FULL SEARCH INITIATED 14:48:07 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 646 TO ITERATE

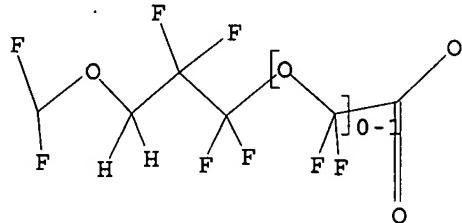
100.0% PROCESSED 646 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

L3 0 SEA SSS FUL L1

=>  
Uploading C:\Program Files\Stnexp\Queries\10562730-cl6-broad.str

L4 STRUCTURE UPLOADED

=> d 14  
L4 HAS NO ANSWERS  
L4 STR



G1 H,F

Structure attributes must be viewed using STN Express query preparation.

=> s 14  
SAMPLE SEARCH INITIATED 14:49:57 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 151 TO ITERATE

100.0% PROCESSED 151 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 2283 TO 3757  
PROJECTED ANSWERS: 0 TO 0

L5 0 SEA SSS SAM L4

=> s 14 full  
FULL SEARCH INITIATED 14:50:01 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 3148 TO ITERATE

100.0% PROCESSED 3148 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

L6 0 SEA SSS FUL L4

=> file chemabs

'CHEMABS' IS NOT A VALID FILE NAME  
SESSION CONTINUES IN FILE 'REGISTRY'

Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files that are available. If you have requested multiple files, you can specify a corrected file name or you can enter "IGNORE" to continue accessing the remaining file names entered.

=> FIL CAPLUS  
COST IN U.S. DOLLARS  
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
346.45	346.66

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FILE COVERS 1907 - 24 Sep 2007 VOL 147 ISS 14  
FILE LAST UPDATED: 23 Sep 2007 (20070923/ED)

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=> E 20060281946 /AP,PRN 25  
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E4 0 20060281946/PRN  
E5 1 AD2000-10003588/PRN  
E6 1 AD2001-2185/PRN  
E7 1 AD2002-10243254/PRN  
E8 1 AD2003-352770/PRN  
E9 1 AE2000-40/PRN  
E10 1 AE2003-186/PRN  
E11 1 AE2003-274/PRN  
E12 1 AL70-205070/PRN  
E13 1 AM2000-32/PRN  
E14 1 AM2000-63/PRN  
E15 1 AM2000-84/PRN  
E16 1 AM2001-3/PRN  
E17 1 AM2001-52/PRN  
E18 1 AM2001-77/PRN  
E19 1 AM2002-126/PRN  
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E21 1 AM2003-98/PRN  
E22 1 AM2004-44/PRN  
E23 1 AM2005-113/PRN  
E24 4 AM2005-147/PRN  
E25 4 AM2005-148/PRN

=> E US 06-562730/AP,PRN 25  
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E14 1 US10-590774/AP  
E15 1 US10-592997/AP  
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E18 1 US11-618011/AP  
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E24 1 US12-670338/AP  
E25 1 US12-672119/AP

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E2 1 US10-554809/AP  
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E4 0 US10-562730/PRN  
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E7 1 US10-593773/AP  
E8 1 US10-596382/AP  
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E12 1 US2006/BI

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E3 1 --> US2005-562730/AP  
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E5 1 US2005-562731/AP  
E6 1 US2005-562734/AP  
E7 1 US2005-562738/AP  
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=> s us2005-562730

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L7 0 US2005-562730  
(US2005 (W) 562730)

=> s us2005-562730/apps

1 US2005-562730/AP  
0 US2005-562730/PRN  
L8 1 US2005-562730/APPS  
(US2005-562730/AP, PRN)

=> d scan 18

L8 1 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN

IC ICM C07C059-135

ICS C07C051-41; C07C051-62; C07C051-04; B01F017-44; C08F014-18

CC 46-3 (Surface Active Agents and Detergents)

Section cross-reference(s): 37, 39

TI Fluoroalkyl group-containing carboxylic acid derivatives and their use as surfactants or dispersants for production of fluorine-containing polymers and aqueous dispersion of fluorine-containing polymers

ST fluoropolymer manuf surfactant dispersant fluoroalkyloxy fluorocarboxylic acid salt

IT Carboxylic acids, uses

RL: IMF (Industrial manufacture); MOA (Modifier or additive use); PRP (Properties); PREP (Preparation); USES (Uses)  
(fluoro, salts; manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful as surfactants or dispersants for production of fluoropolymers and their aqueous dispersion)

IT Dispersing agents

Emulsifying agents  
(fluoro; manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful as surfactants or dispersants for production of fluoropolymers and their aqueous dispersion)

IT Surfactants

(fluorosurfactants; manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful as surfactants or dispersants for production of fluoropolymers and their aqueous dispersion)

IT Fluoro rubber

Synthetic rubber, preparation  
RL: IMF (Industrial manufacture); PRP (Properties); PREP (Preparation)  
(hexafluoropropene-triallyl isocyanurate-vinylidene fluoride; manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful as surfactants or dispersants for production of fluoropolymers and their aqueous dispersion)

IT Fluoropolymers, preparation

RL: IMF (Industrial manufacture); PRP (Properties); PREP (Preparation)  
 (manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful  
 as surfactants or dispersants for production of fluoropolymers and their  
 aqueous dispersion)

IT 824393-40-0P 824393-41-1P 824393-43-3P 824393-44-4P  
 RL: IMF (Industrial manufacture); MOA (Modifier or additive use); PREP  
 (Preparation); USES (Uses)  
 (manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful  
 as surfactants or dispersants for production of fluoropolymers and their  
 aqueous dispersion)

IT 9002-84-0P, PTFE 9011-17-0P, Hexafluoropropylene-vinylidene fluoride  
 copolymer  
 RL: IMF (Industrial manufacture); PRP (Properties); PREP (Preparation)  
 (manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful  
 as surfactants or dispersants for production of fluoropolymers and their  
 aqueous dispersion)

IT 378-03-0P 136642-92-7P 824393-34-2P 824393-36-4P 824393-37-5P  
 824393-38-6P 824393-39-7P 824393-42-2P  
 RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT  
 (Reactant or reagent)  
 (manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful  
 as surfactants or dispersants for production of fluoropolymers and their  
 aqueous dispersion)

IT 335-42-2, Perfluorobutanoyl fluoride 422-61-7, Perfluoropropionyl  
 fluoride 765-63-9, 2,2,3,3-Tetrafluorooxetane  
 RL: RCT (Reactant); RACT (Reactant or reagent)  
 (manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful  
 as surfactants or dispersants for production of fluoropolymers and their  
 aqueous dispersion)

IT 103746-89-0P, Hexafluoropropylene-triallyl isocyanurate-vinylidene  
 fluoride copolymer  
 RL: IMF (Industrial manufacture); PRP (Properties); PREP (Preparation)  
 (rubber; manufacture of fluoroalkyl group-containing carboxylic acid derivs.  
 useful as surfactants or dispersants for production of fluoropolymers and  
 their aqueous dispersion)

ALL ANSWERS HAVE BEEN SCANNED

=> sel rn 18  
 E1 THROUGH E18 ASSIGNED

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
FULL ESTIMATED COST	ENTRY	SESSION
	12.82	359.48

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DICTIONARY FILE UPDATES: 23 SEP 2007 HIGHEST RN 947726-74-1

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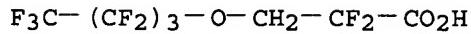
<http://www.cas.org/support/stngen/stndoc/properties.html>

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L9       18 (103746-89-0/BI OR 136642-92-7/BI OR 335-42-2/BI OR 378-03-0/BI
          OR 422-61-7/BI OR 765-63-9/BI OR 824393-34-2/BI OR 824393-36-4/B
          I OR 824393-37-5/BI OR 824393-38-6/BI OR 824393-39-7/BI OR 824393
          -40-0/BI OR 824393-41-1/BI OR 824393-42-2/BI OR 824393-43-3/BI
          OR 824393-44-4/BI OR 9002-84-0/BI OR 9011-17-0/BI)
```

=> d scan 19

L9 18 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

IN Propanoic acid, 2,2-difluoro-3-(nonafluorobutoxy) - (9CI)  
MF C7 H3 F11 O3  
CI COM

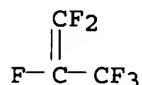


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

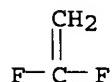
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):18

L9 18 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
IN 1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with 1,1-difluoroethene  
ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT  
MF (C3 F6 . C2 H2 F2)x  
CI PMS, COM

CM 1

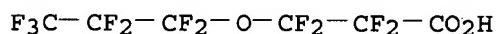


CM 2



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L9 18 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
IN Propanoic acid, 2,2,3,3-tetrafluoro-3-(heptafluoropropoxy)-, ammonium salt  
(9CI)  
MF C6 H F11 O3 . H3 N



● NH<sub>3</sub>

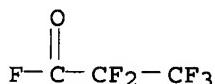
L9 18 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
IN Propanoic acid, 2,2-difluoro-3-(heptafluoropropoxy)-, sodium salt (9CI)  
MF C6 H3 F9 O3 . Na

$$\text{F}_3\text{C}-\text{CF}_2-\text{CF}_2-\text{O}-\text{CH}_2-\text{CF}_2-\text{CO}_2\text{H}$$

● Na

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L9 18 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
IN Propanoyl fluoride, 2,2,3,3,3-pentafluoro-  
MF C3 F6 O  
CI COM



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L9 18 ANSWERS . REGISTRY COPYRIGHT 2007 ACS on STN  
IN Propanoic acid, 2,2-difluoro-3-(nonafluorobutoxy)-, sodium salt (9CI)  
MF C7 H3 F11 O3 . Na

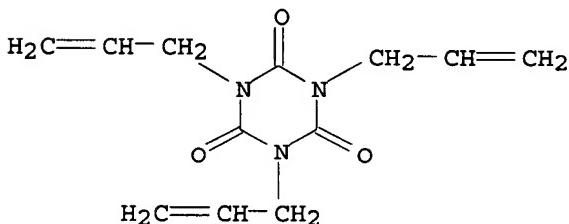
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● Na

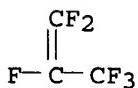
**\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\***

L9 18 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
IN 1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tri-2-propenyl-, polymer with  
1,1-difluoroethene and 1,1,2,3,3,3-hexafluoro-1-propene (9CI)  
MF (C<sub>12</sub> H<sub>15</sub> N<sub>3</sub> O<sub>3</sub> . C<sub>3</sub> F<sub>6</sub> . C<sub>2</sub> H<sub>2</sub> F<sub>2</sub>)<sub>x</sub>  
CI PMS

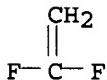
CM 1



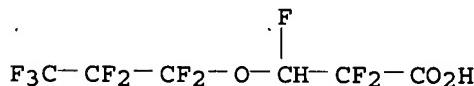
CM 2



CM 3

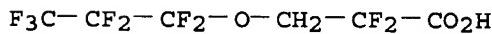


L9 18 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
IN Propanoic acid, 2,2,3-trifluoro-3-(heptafluoropropoxy)-, ammonium salt (9CI)  
MF C6 H2 F10 O3 . H3 N



● NH<sub>3</sub>

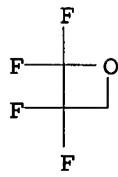
L9 18 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
IN Propanoic acid, 2,2-difluoro-3-(heptafluoropropoxy)-, ammonium salt (9CI)  
MF C6 H3 F9 O3 . H3 N



● NH<sub>3</sub>

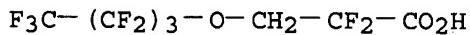
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L9 18 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
IN Oxetane, 2,2,3,3-tetrafluoro- (7CI, 8CI, 9CI)  
MF C3 H2 F4 O  
CI COM

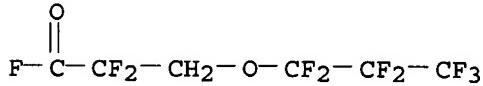


\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L9 18 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN Propanoic acid, 2,2-difluoro-3-(nonafluorobutoxy)-, ammonium salt. (9CI)  
 MF C7 H3 F11 O3 . H3 N

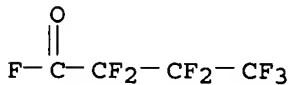


L9 18 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN Propanoyl fluoride, 2,2-difluoro-3-(heptafluoropropoxy)- (9CI)  
 MF C6 H2 F10 O2



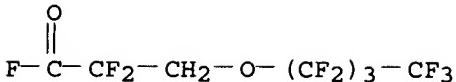
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L9 18 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN Butanoyl fluoride, 2,2,3,3,4,4,4-heptafluoro-  
 MF C4 F8 O  
 CI COM



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

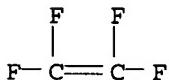
L9 18 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN Propanoyl fluoride, 2,2-difluoro-3-(nonafluorobutoxy)- (9CI)  
 MF C7 H2 F12 O2



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

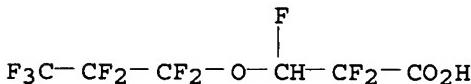
L9 18 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN Ethene, 1,1,2,2-tetrafluoro-, homopolymer  
 ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT  
 MF (C<sub>2</sub> F<sub>4</sub>)<sub>x</sub>  
 CI PMS, COM

CM 1



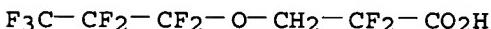
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L9 18 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN Propanoic acid, 2,2,3-trifluoro-3-(heptafluoropropoxy) - (9CI)  
 MF C<sub>6</sub> H<sub>2</sub> F<sub>10</sub> O<sub>3</sub>  
 CI COM



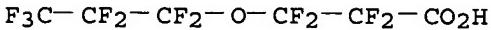
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L9 18 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN Propanoic acid, 2,2-difluoro-3-(heptafluoropropoxy) - (9CI)  
 MF C<sub>6</sub> H<sub>3</sub> F<sub>9</sub> O<sub>3</sub>  
 CI COM



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L9 18 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN  
 IN Propanoic acid, 2,2,3,3-tetrafluoro-3-(1,1,2,2,3,3,3-heptafluoropropoxy) -  
 MF C<sub>6</sub> H F<sub>11</sub> O<sub>3</sub>  
 CI COM



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

ALL ANSWERS HAVE BEEN SCANNED

=> ca plus

CA IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.  
For a list of commands available to you in the current file, enter  
"HELP COMMANDS" at an arrow prompt (>).

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE ENTRY	TOTAL SESSION
4.95	364.43

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 15:04:22 ON 24 SEP 2007

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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=> d scan 18

L8 1 ANSWERS CAPLUS COPYRIGHT 2007 ACS on STN

IC ICM C07C059-135

ICS C07C051-41; C07C051-62; C07C051-04; B01F017-44; C08F014-18

CC 46-3 (Surface Active Agents and Detergents)  
Section cross-reference(s): 37, 39

TI Fluoroalkyl group-containing carboxylic acid derivatives and their use as surfactants or dispersants for production of fluorine-containing polymers and aqueous dispersion of fluorine-containing polymers

ST fluoropolymer manuf surfactant dispersant fluoroalkyloxy fluorocarboxylic acid salt

IT Carboxylic acids, uses

RL: IMF (Industrial manufacture); MOA (Modifier or additive use); PRP (Properties); PREP (Preparation); USES (Uses)

(fluoro, salts; manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful as surfactants or dispersants for production of fluoropolymers and their aqueous dispersion)

IT Dispersing agents

Emulsifying agents

(fluoro; manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful as surfactants or dispersants for production of fluoropolymers and

their aqueous dispersion)

IT Surfactants  
(fluorosurfactants; manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful as surfactants or dispersants for production of fluoropolymers and their aqueous dispersion)

IT Fluoro rubber  
Synthetic rubber, preparation  
RL: IMF (Industrial manufacture); PRP (Properties); PREP (Preparation)  
(hexafluoropropene-triallyl isocyanurate-vinylidene fluoride; manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful as surfactants or dispersants for production of fluoropolymers and their aqueous dispersion)

IT Fluoropolymers, preparation  
RL: IMF (Industrial manufacture); PRP (Properties); PREP (Preparation)  
(manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful as surfactants or dispersants for production of fluoropolymers and their aqueous dispersion)

IT 824393-40-0P 824393-41-1P 824393-43-3P 824393-44-4P  
RL: IMF (Industrial manufacture); MOA (Modifier or additive use); PREP (Preparation); USES (Uses)  
(manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful as surfactants or dispersants for production of fluoropolymers and their aqueous dispersion)

IT 9002-84-0P, PTFE 9011-17-0P, Hexafluoropropylene-vinylidene fluoride copolymer  
RL: IMF (Industrial manufacture); PRP (Properties); PREP (Preparation)  
(manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful as surfactants or dispersants for production of fluoropolymers and their aqueous dispersion)

IT 378-03-0P 136642-92-7P 824393-34-2P 824393-36-4P 824393-37-5P  
824393-38-6P 824393-39-7P 824393-42-2P  
RL: IMF (Industrial manufacture); RCT (Reactant); PREP (Preparation); RACT (Reactant or reagent)  
(manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful as surfactants or dispersants for production of fluoropolymers and their aqueous dispersion)

IT 335-42-2, Perfluorobutanoyl fluoride 422-61-7, Perfluoropropionyl fluoride 765-63-9, 2,2,3,3-Tetrafluorooxetane  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful as surfactants or dispersants for production of fluoropolymers and their aqueous dispersion)

IT 103746-89-0P, Hexafluoropropylene-triallyl isocyanurate-vinylidene fluoride copolymer  
RL: IMF (Industrial manufacture); PRP (Properties); PREP (Preparation)  
(rubber; manufacture of fluoroalkyl group-containing carboxylic acid derivs. useful as surfactants or dispersants for production of fluoropolymers and their aqueous dispersion)